

1R - 427-341

REPORTS

DATE:

2-24-11

1R427-341

EME Jct. E-11

2010

RECEIVED

APR - 1 2011

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont (EME)	Jct E-11	E	11	21S	36E	Lea	Length	Width	Depth
							Eliminated		

LAND TYPE: BLM _____ STATE x FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 159 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 11/29/2010 Date Completed 11/29/2010 OCD Witness no

Soil Excavated 3.0 cubic yards Excavation Length 5 Width 2 Depth 8 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 11/29/2010 Sample Depth 8 ft.

TPH and Chloride laboratory test results completed by using an approved lab and testing
procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 8' GRAB	0.7	<10.0	<10.0	224

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	87
vertical delineation trench at the junction (source)	4'	120
	5'	197
	6'	143
	7'	287
	8'	238

General Description of Remedial Action: This junction and line were eliminated

during the pipeline replacement/upgrade program. After the former junction box was

removed, an investigation was conducted using a backhoe to collect soil samples at

regular intervals producing a 5X2X8-ft. deep excavation. Chloride field tests performed

on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which also

yielded low concentrations. The deepest sample, 8 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH,

which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the

surrounding area. On 11/29/2010, the site was seeded with a blend of native vegetation and is expected to return to a productive

capacity at a normal rate.

enclosures: photos, lab results, PID (field) screenings, chloride curve

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Dak Harris SIGNATURE *Dak Harris* COMPANY RICE OPERATING COMPANY

REPORT
ASSEMBLED BY Robert Egans INITIAL *RE*

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 2-24-11

EME JCT. E-11

Unit E, Section 11, T21S, R36E



Site prior to excavation

11/29/2010



Delineation trench being excavated

11/29/2010



Seeding site

11/29/2010



Covering seed

11/29/2010

Analytical Results For:

 Rice Operating Company
 Bruce Baker
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

 Received: 11/30/2010
 Reported: 12/02/2010
 Project Name: EME JCT E-11 (21/36)
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 11/29/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOURCE @ 8' (H021401-01)

Chloride, SM4500Cl-B			mg/kg							Analyzed By: HM
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	11/30/2010	ND	416	104	400	3.77		
TPH 8015M			mg/kg							Analyzed By: AB
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/02/2010	ND	170	85.2	200	7.41		
DRO >C10-C28	<10.0	10.0	12/02/2010	ND	167	83.5	200	3.90		
Surrogate: 1-Chlorooctane	90.7 %	70-130								
Surrogate: 1-Chlorooctadecane	91.6 %	70-130								

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Peachwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 573-7001 FAX (325) 573-7020

BILL TO		ANALYSIS REQUEST										
Company Name:	Project Manager:	Address:	City:	State:	Zip:	Phone #:	Fax #:	MATRIX	PRESERV	SAMPLING	DATE	TIME
ARDINAL LABORATORIES	ARDINAL LABORATORIES	101 East Marland, Hobbs, NM 88240	Hobbs, NM	NM	88240	(505) 393-2326	(505) 393-2476	SLUDGE	ICE/COOL	OTHER	11/29/00	1:13
Project Name:	Project Location:	Project Owner:	Project Name:	Project Location:	Project Owner:	Project Name:	Project Location:	Project Owner:	Project Name:	Project Location:	Project Owner:	Project Name:
Sample Name:	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.

Refinitia/In/By:	Date:	Time:	Received By:	Date:	Time:
1 bob Haring	11/29/00	7:30	Yodi Jensen	11/29/00	7:30
Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:
1 bob Haring	11/29/00	7:30	Yodi Jensen	11/29/00	7:30
Delivered By: (Circle One)	Date:	Time:	Delivered By: (Circle One)	Date:	Time:
Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #
1025	1025	1025	1025	1025	1025
Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #
1025	1025	1025	1025	1025	1025
Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #	Sample I.D. #
1025	1025	1025	1025	1025	1025

1 Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.
MODEL
NO.

✓

MODEL: PGM 7300
MODEL: PGM 7300
MODEL: PGM 7320
MODEL: PGM 7300

SERIAL NO: 590-000508
SERIAL NO: 590-000504
SERIAL NO: 592-903318
SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 930132	EXPIRATION DATE: 4/28/13
METER READING ACCURACY: 100	

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	E-11	E	11	215	36E

SAMPLE ID	PID	SAMPLE ID	PID
Background	0		
4'	2.1		
5'	2.2		
6'	1.8		
7'	0.6		
8	0.7		

COPY

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE:

Dan Harris

DATE:

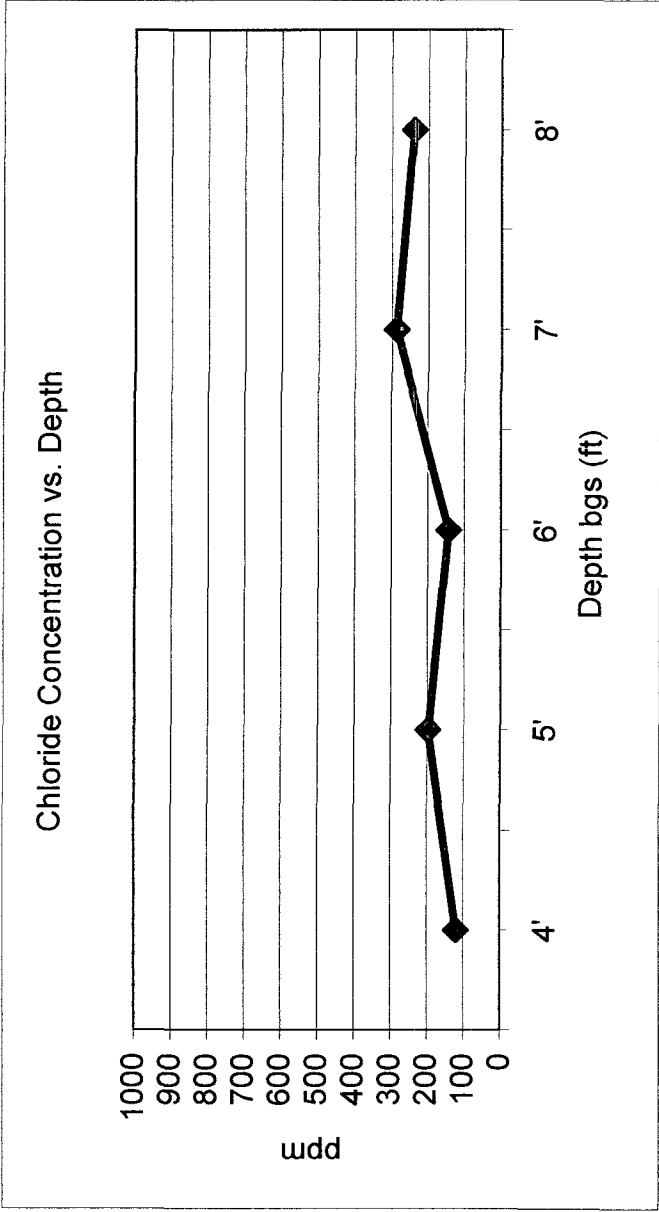
11/29/10

EME Jct. E-11

Unit 'E', Sec. 11, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4'	120
5'	197
6'	143
7'	287
8'	238



Groundwater = 159 ft.